FSK2 Belt Skiver Operating Instructions

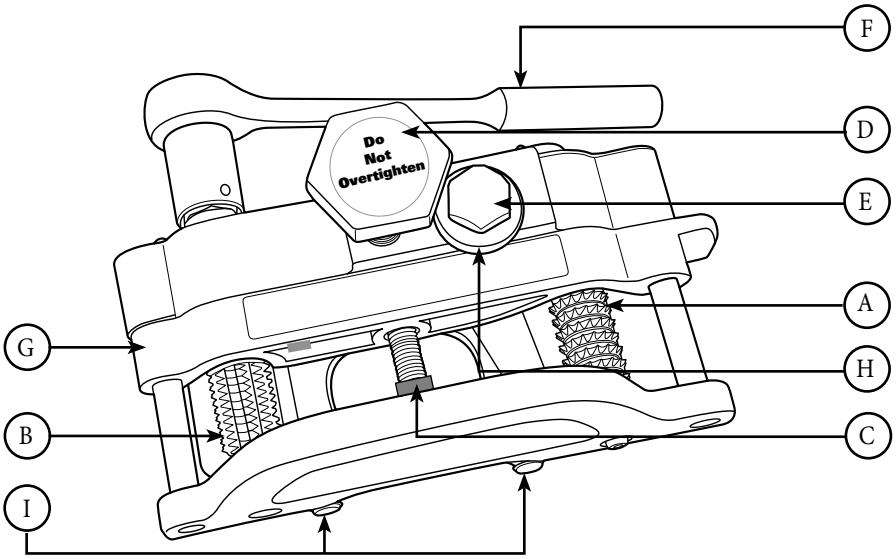
Operating Instructions

⚠ WARNING Keep fingers and hands away from razor sharp blade and drive rollers at all times.
Keep lubricants away from the blade the drive rollers and the belt to prevent slippage.

For best results:
Store in a clean, dry area.
Do not throw or drop tool.

Main Components

A. Front Drive Roller
B. Rear Drive Roller
C. Fence Screw
D. Clamp Adjusting Screw
E. Blade Adjusting Screw
F. Ratchet
G. Fence
H. Jam Nut
I. Grip Rollers



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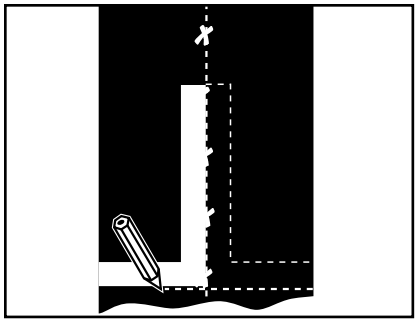
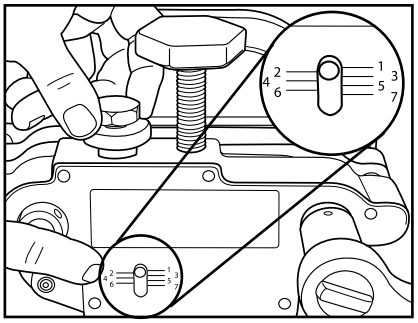
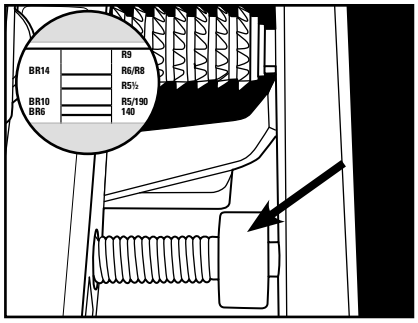


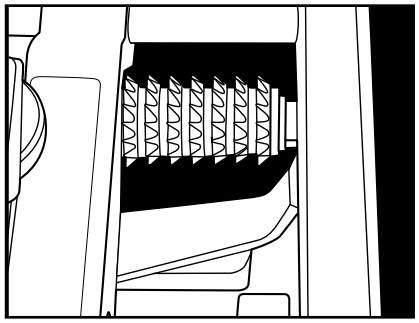
1. Cut belt using centerline method. NOTE: For easier skiving, clean belt and use only sharp, undamaged blades.



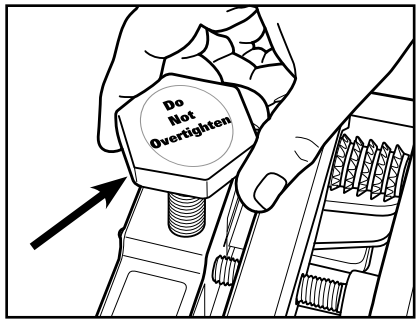
2. For new tool, carefully remove the protective coating on the blade. Turn Blade Adjusting Screw to select desired cutting depth. Tighten Jam Nut.



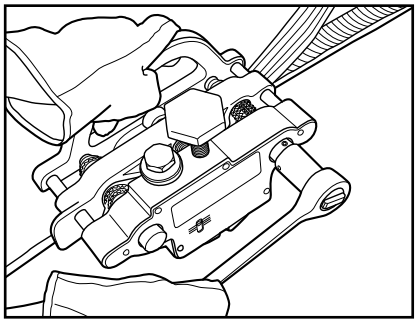
3. Adjust Fence Adjusting Screw to move fence to appropriate setting.



4. Turn Clamp Adjusting Screw counter-clockwise to loosen grip rollers. Position edge of belt against Fence – belt should just touch blade edge.



5. Turn Clamp Adjusting Screw clockwise to tighten Front Drive Rollers against belt. Do not overtighten or cut may be deeper than expected. Flexco recommends testing skiver on belt sample before skiving actual belt to ensure skive depth is appropriate.



6. Turn Ratchet counter clockwise to begin skiving.

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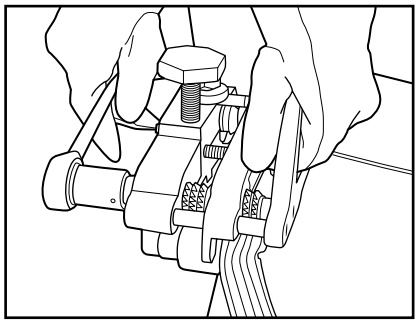
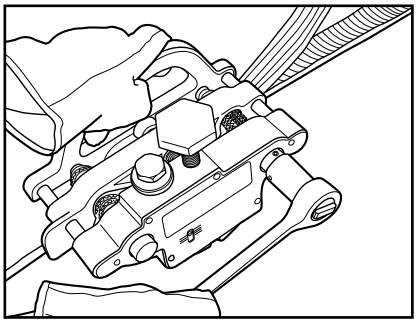
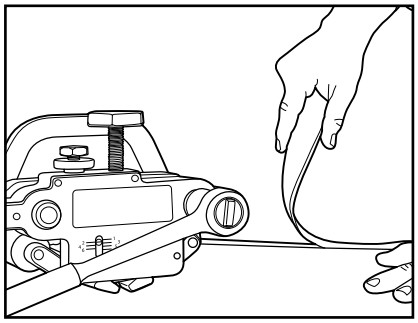
Operating Instructions



7. When skiving, scrap cut should remain in contact with belt. Scrap cut and Belt should feed between Rear Drive Rollers.

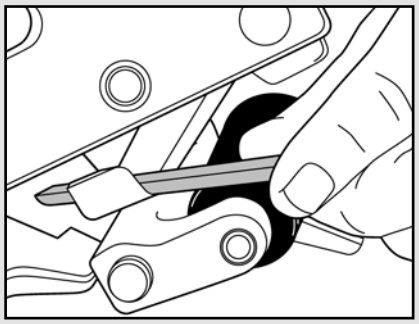


8. Ratchet skiver across width of belt. Ensure belt is against Fence.



9. Ratchet skiver completely off belt to complete cut. Remove scrap cut. Repeat steps 1-9 on other belt end.

Sharpening the Blade

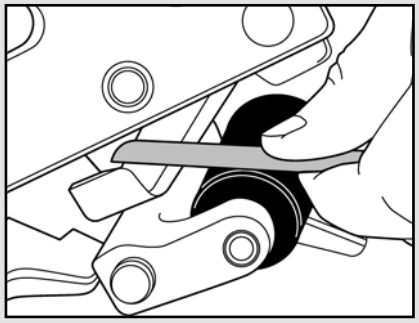


Sharpening the Blade: Use included sharpening stone. **NOTE:** The blade can be sharpened while attached to tool. For easier sharpening, turn clamp adjusting screw to lower grip rollers, turn blade adjusting screw to lower blade, turn fence screw to move fence to side.

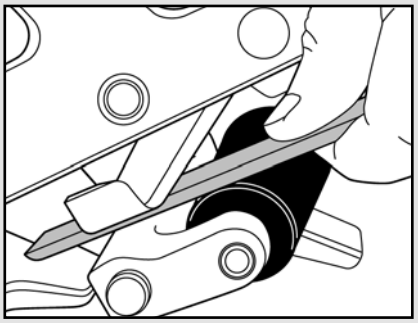
1. Using rounded side of sharpening stone, sharpen bevel on the curved portion of the blade.

⚠WARNING

Always use caution when sharpening razor sharp blade.

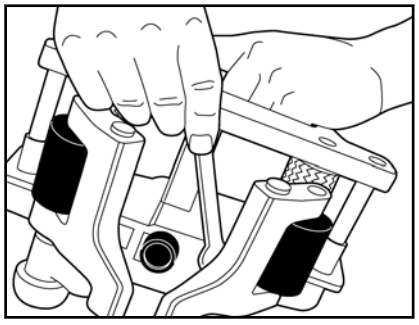


2. Using flat side of sharpening stone, sharpen bevel on the top-side of the blade.



3. Using flat side of sharpening stone, sharpen bottom edge of blade flat.

Changing the Blade



Changing the Blade: Turn blade adjusting screw to raise blade and turn clamp adjusting screw to lower grip rollers. Using a $^{7}/_{16}$ box type wrench, remove the ¼-20 bolt from the blade holder.
WARNING: Use caution when handling blade. Take the old blade out and replace with a new blade. Retighten bolt.

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